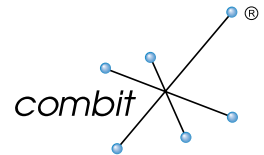


Fast.
Extensive.
Easy to
integrate.



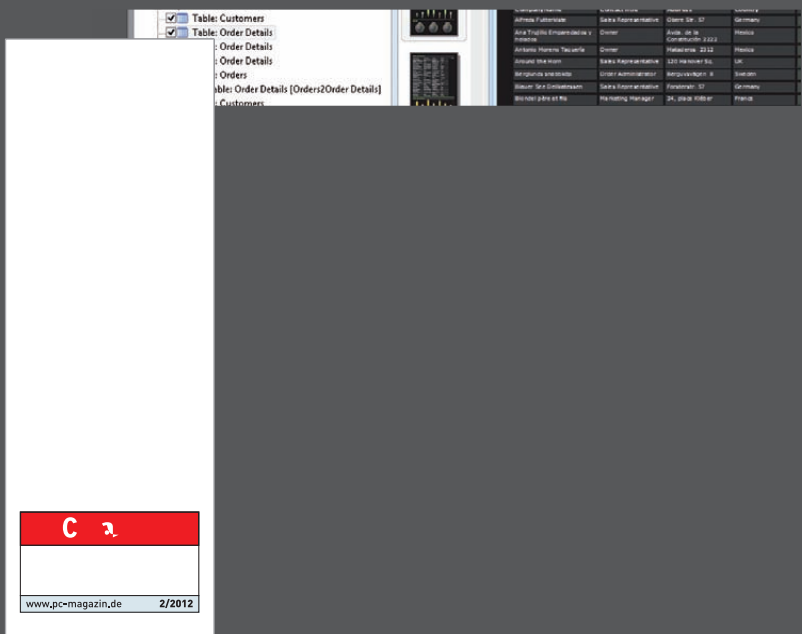
List & Label 18

Report Generator for Software Developers



List & Label 18: 100% Reporting Power for Developers

TOP: Designer for end users included



Thousands of developer teams and millions of end users rely on List & Label, the award-winning report generator. Since 1992, customers worldwide have appreciated the fast performance and scalability of the product, the included Report Designer, which is redistributable without additional license fee and one of the most comprehensive report generators on the market.

Directory

Benefits

- 04 Reliable and field-tested
 - More than 20 years of experience
 - Thousands of enthusiastic developers
 - Millions of end users world wide
 - Recommended by specialist media
- 05 Functional principle
 - Data binding
 - Independent of database
- 06 .NET
 - Integrated in one minute
 - Connected in one minute (DataSource)
- 07 List & Label in the cloud
- 08 Integration types
 - Many databases - one report
 - Lean redistribution
- 09 The Designer
 - Also for end users
 - Without additional license fee
- 21 Almost every programming language
 - Component or DLL
 - Switching possible anytime
- 23 Export
 - Printer + preview + export = 1 code
 - Many export formats
- 28 International projects
 - Unicode-enabled
 - Language kits for the Designer
- 30 Support from German manufacturer
 - Quick help
 - Direct contact with the makers
 - Ongoing innovations
- 30 Licensing
 - Including Designer runtime
- 31 Editions
 - The right package for everyone
 - Subscriptions with support flat rate

Fields of Application

- 06 DataSource, .NET, VCL
- 07 WebReporting, Azure, WPF
- 12 Ribbon
- 14 Reports, subreports and all list-type formats
- 15 Crosstabs, Gantt chart
- 16 Charts, diagrams
- 17 Barcodes
- 18 RTF object, PDF object, gauges, mail merges
- 22 Forms, labels
- 24 Print, print preview, export, data exchange
- 25 Drilldown reports, digital signature

Jochen Bartlau,
LL Project Manager

"Compared to other reporting tools, List & Label offers the greatest flexibility as regards:

- the kinds of data than can be analyzed
- supported programming languages
- and number of export and barcode-formats."

"List & Label is the most important development tool made in Germany due to its excellent product support, it's continuous perfective maintenance and further development."

Andreas Maslo, graduate engineer, Journalist at PC Magazine, CHIP, dotnetpro and author of technical literature for developers

Selected Customers and Customer Quotes

also.com
boschrexroth.de
bls.gov
cibait.de
conti-online.com
descartes.com
dnd.ca
dat-gmbh.de
draeger.com
edeka.de
eon-ruhrgas.com
fleurop.ch
francotyp.com
hitachi.us
jpmorganchase.com
lear.com
mcs-ag.com
mt.com
post.at
post.de
rheinland-versicherungen.de
sagebaeuer.de
sageschweiz.ch
siemens.com
stahl.com
system.se
t-systems.com
triumph.com
trumpf.com
tupperware.de
volkswagen.de
wacker.com

More:
www.combit.net/en/LL-Clients



"We have been using List & Label both asynchronously and synchronously to create a large number of PDF documents in the course of the past 4 years. Our report generation is very stable and reliable. Simply an outstanding product!"

Mario Andenmatten,
Swiss National Science Foundation (SNF)



"Switching over to List & Label has been the best technical programming decision in the past 10 years."

Christian Egging,
EffCom



"List & Label is an excellent add-on to my application. The report designer makes it simple for end users to modify their reports themselves."

Rene Gerlach,
Cideon Software GmbH



"Many years now, we're working with List & Label. We have updated and developed our applications to other technologies but we continue using List & Label as reporting tool. The awesome Designer allows you to generate very flexible, professional reports easily."

Julio Rodriguez,
Educaria



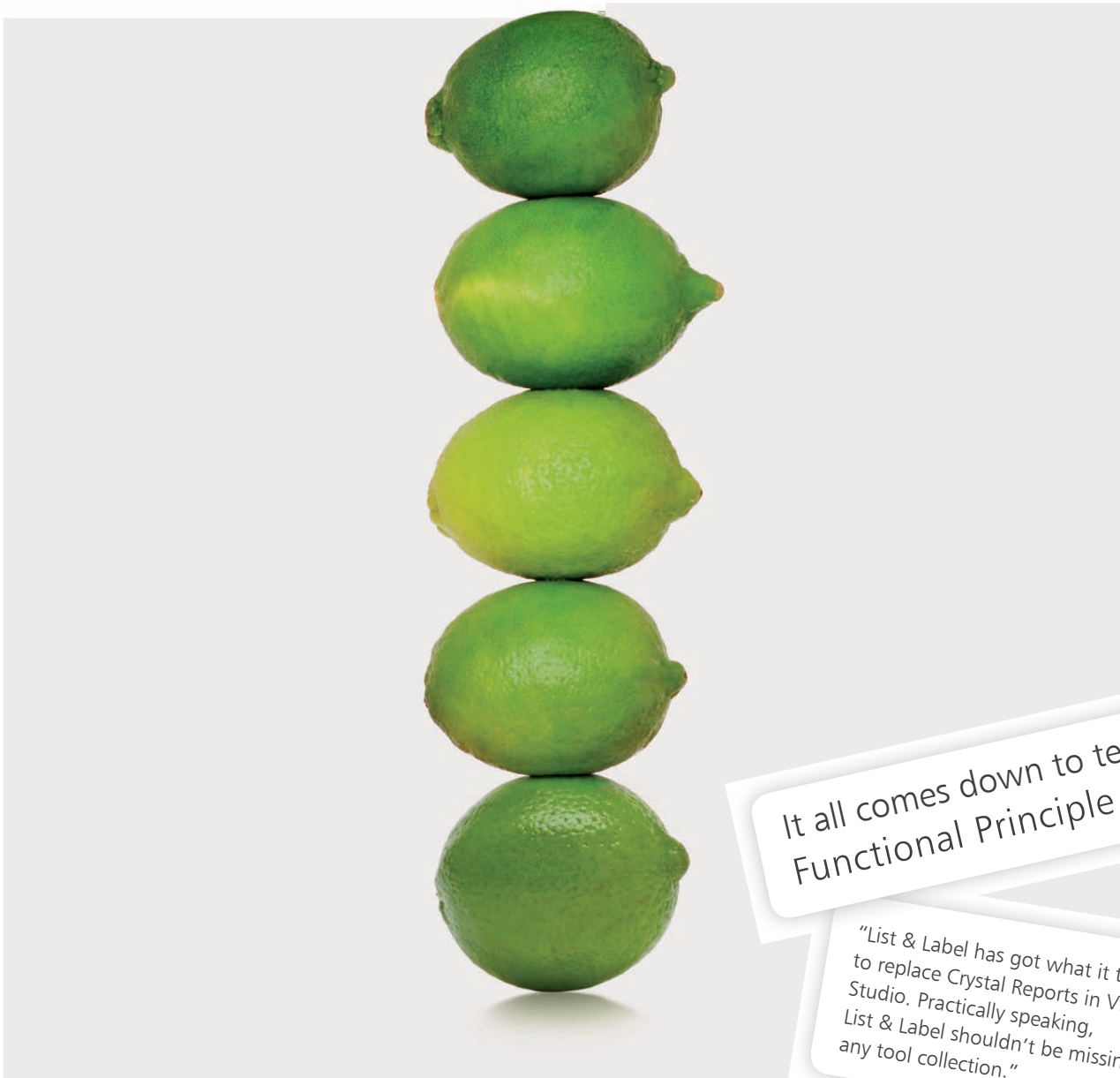
"List & Label is easy to program and provides all the functions you could ever want."

Bernd Bierhoff,
Bizerba GmbH

"List & Label is very powerful, flexible and easy to use."

Klaus Mueller,
Lear Corporation GmbH





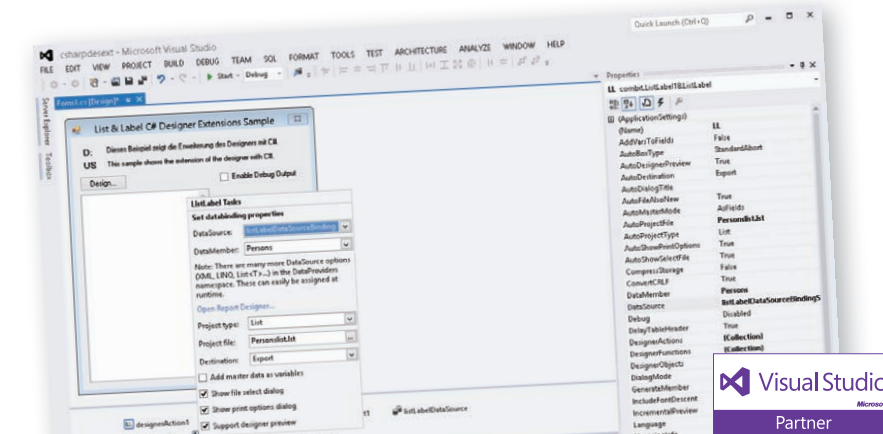
It all comes down to technique:
Functional Principle

"List & Label has got what it takes
to replace Crystal Reports in Visual
Studio. Practically speaking,
List & Label shouldn't be missing in
any tool collection."

dotnet**pro**

Functional Principle with Data Binding

DataSource :: .NET :: VCL



List & Label integrated in Visual Studio 2012

DataSource

- ➔ SQL Server
- ➔ Oracle
- ➔ OLE DB
- ➔ ODBC

Additional providers

- ➔ ADO.NET
- ➔ XML
- ➔ LINQ
- ➔ JSON
- ➔ MySQL
- ➔ Business objekts
- ➔ ORM/EF
- ➔ SQLite
- ➔ PostgreSQL
- ➔ DB2
- ➔ NoSQL
- ➔ Mixed data sources
- ➔ CSV

.NET The DataSource component accesses the databases directly. You can then select the data source in the LL component's smart tag. Start the LL Designer directly from the development environment using the SmartTag link. It couldn't be any easier!

Without a single line of code, it takes about a minute to include the List & Label Designer into your application.

By using the providers, you can transfer your data straight to the Designer, along with all relations, and it all takes no hustle. What's even more, the interfaces are open and well-documented, which enables you to easily write your own provider and connect List & Label to any content. When you get started with

List & Label using .NET, the excellent help system will ensure that you get off to a flying start. And, if you ever need to realize your project in several languages, you will surely appreciate the wealth of special localization options.

This brings true **Plug & Play** to your application's reporting functionality. You take care of your program logic, and List & Label makes sure that the printouts from your application look great!

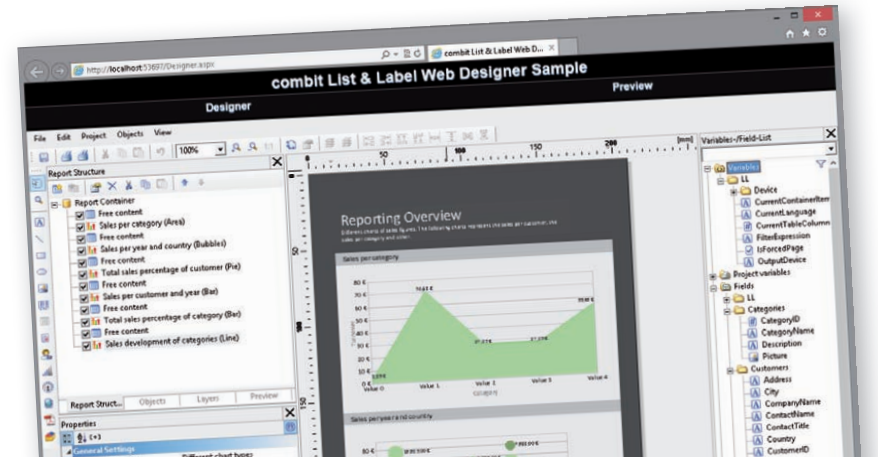
If you plan to use **ClientProfile** as the target platform, all you have to do is just reference the designated Assembly, without changing any of the code – regardless of the target platform.

VCL Whether ADO Record set or BDE – TDataSource descendants can be integrated in an easy and comfortable way. Here, too, all Master/Detail relations are analyzed and transferred automatically for you.

"List & Label is well-engineered, stable and flexible and supports cloud computing."

List & Label in the Cloud

Web reporting :: Azure :: WPF



Web Designer in the browser



AjaxViewer

Web reporting and the cloud.

Printing and export can be performed without any user interaction. In addition, List & Label works in server/web server applications just like it does in regular client applications. The project files can be freely exchanged between clients and servers – assuming the data source is the same. Code samples are provided for reporting under **Windows Azure**, PHP, MS SharePoint and ASP.NET. The latter shows you how to integrate the Designer via a web service. And installing the software on the server couldn't be easier. You don't have to register any services: Just copy the List & Label modules into your application's binary folder and you're ready to go.

The **web service sample** shows you how to use List & Label with the help of .NET web Services (WCF) and with a variety of data sources. Existing reports can be processed asynchronously. They are imported automatically and delivered with a preview.

What's more, the **web Designer** works in all leading browsers. This brings genuine design functionality to web applications.

List & Label also delivers support for **WPF applications**: the WPF Viewer for the preview files offers the usual theming options.

Ajax Viewer. The results of a report can be presented page by page from the preview file, e.g. in carousel mode. With the Ajax Viewer control, it also works on mobile devices such as tablets and smartphones – and no installation is required.

Amazon Web Services. List & Label is approved for use in the Amazon Cloud.



Functional Principle Database Independent

Direct data transfer

Unbound data. Of course, List & Label also keeps all your options open with regard to unbound data.

The fields, tables and relations you wish to make available need to be transferred to the Designer. Here the user can work with these elements, and at the time of printing, your application will query which report flow the user has selected within the Designer. Then, you just need to transfer the data in the correct order (see programming examples) in order to print your report.

Business objects can also be used with ease.

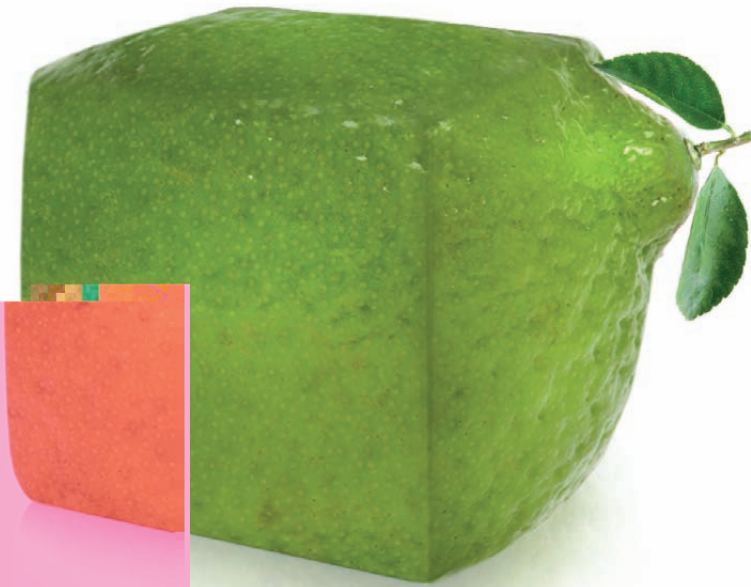


Database independent use:
your application passes on
the data to List & Label.

Benefits of all Integration Types

You are completely independent of specific database formats. You control the data transfer and create the interface yourself. You may add fields and variables in the data bound mode, too.

- ✓ **Stability.** Your reports continue to be fully operational when e.g. an end user adds a field to the database.
- ✓ **Several databases – one report.** This saves time and ensures that your application can be used universally.
- ✓ **Easy.** Your application's database drivers are used, which means no duplicate loading and no driver collisions.
- ✓ **Lean redistribution.** Redistribution is a snap, and the package is so handy. You're ready to go starting with 30 MB!



Brought into shape:
Designer

"Data presentation de luxe"

database pro

Designer Basics

Intuitive operation :: Comprehensive :: Universal



Flexible report structure



Object list



Format editor

Even first time users become quickly familiar with the intuitive handling via Drag & Drop. A whole page is a whole page and not a conglomeration of different sections. Rulers, ruler guides, zoom, grouping functions and other well known helpers make it easier for you and the end users.

Real data preview is directly integrated, as well as print and export. Short ways save you time.

Automatic table of contents or indices can be integrated in reports, with the help of an easy-to-use wizard. In PDF and preview, the entries in the table of contents are active links, so they beam you directly to target!

Different layout regions and the issue print enable you to mix: page 1 on printer A, next pages in landscape on printer B, the last page to billing printer and everything again to printer C with a copy watermark on it. Also possible: conditional layout/printer changes.

Add custom functions and actions using the .NET, VCL and OCX components. The end user won't be able to tell them apart from the List & Label functions.

Use the formula assistant

In the format editor simply select per sample. That’s what Microsoft Office end users are accustomed to.

Included projects save time when object groups occur unchanged in several different projects, e.g. letter heads.

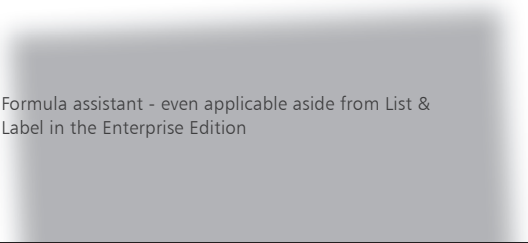
Hosted inside a control, the Designer is sure to fit in sleekly with your own applications when used with .NET and VCL.

Back side printing makes it possible to output General Terms and Conditions on the reverse side of the first or last page or on every page of a project using a duplex-capable printer – and that’s just one example.

The Web Designer enables genuine design functionality in a web application. Available for all leading browsers (Internet Explorer, Firefox, Chrome), it delivers added value to any web app (see screenshot on page 7).



Back side printing



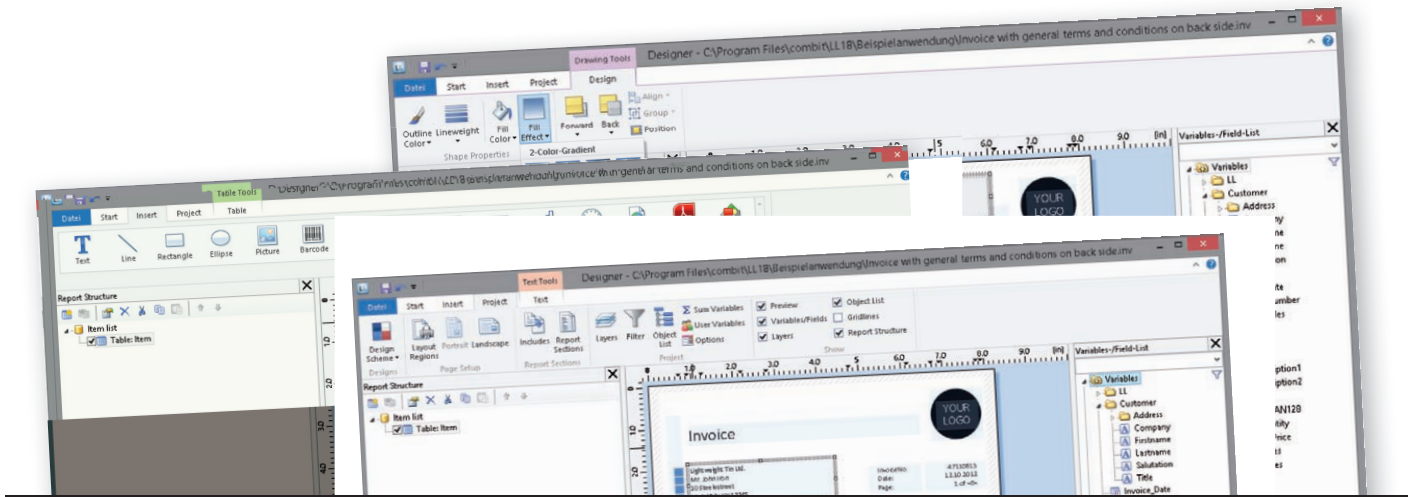
Formula assistant - even applicable aside from List & Label in the Enterprise Edition



Included projects

Ribbon

Optional ribbon in the Designer



Ribbon in the Designer

We understand that the **sophisticated ribbon** which has been added to the List & Label Designer is not everyone's cup of tea. That's why you can remove it if you prefer. But if you take the time to explore what the ribbon can do, you'll quickly discover that it has been implemented in List & Label with a great deal of care and thought.

Now **developers whose applications already incorporate a ribbon** can integrate the Designer for their users in a completely seamless way. The ribbon offers all the functions that users are accustomed to finding in Microsoft Office applications. Showing the functions as icons makes them far more visible than on traditional menus, where it can take

several clicks to find them. The ribbon is also the better choice for touch navigation with Windows 8 and corresponding hardware, because each element can be selected with just one tap.

Even **developers whose applications don't yet use a ribbon** shouldn't deactivate it automatically. After all, even power users prefer a clear overview of functions over searching for them laboriously.

Context tabs on the ribbon display the choices appropriate to the task at hand. The ribbon requires at least Windows Vista. For applications running on older Windows versions, the navigation stays the same.

"List & Label is universally applicable, stable and highly performant."
Andreas Pfitz, solid IT

Starting the Designer: Programming Examples

.NET :: Delphi :: C++ :: Visual Basic

.NET

```
protected void design_Click
(object sender, EventArgs e)
{
    try
    {
        // Link to a DataSet object
        LL.SetDataBinding(myDataSet,
            "Orders");

        // Set properties (optional)
        LL.AutoProjectFile = "Subrep.lst";
        LL.AutoProjectType = LIProject.List;
        LL.AutoDialogTitle = "example";
        LL.AutoShowSelectFile = true;

        // Start the Designer
        LL.Design();
    }
    // Catch exceptions
    catch (ListLabelException ex)
    {
        MessageBox.Show("Information: " +
            ex.Message, "Information",
            MessageBoxButtons.OK);
    }
}
```

Delphi

```
procedure
 TForm1.DesignButtonClick(Sender: TObject);
begin
    // Assign data source
    LL.DataSource := dsCustomers;

    // The customer master data should be
    // registered as fields
    LL.AutoMasterMode := mmAsFields;

    // Set standard project names
    LL.AutoProjectFile := 'subrep.lst';

    // Start the Designer
    LL.AutoDesign('Invoice List');
end;
```

C++

```
// Define special fields

// Regular text field
LIDefineFieldExt(job, "Text", "Testtext", LL_TEXT, NULL);

// Footer fields, e.g. numeric
LIDefineFieldExt(job, "subtotal", "12.34", LL_NUMERIC | LL_TABLE_FOOTERFIELD, NULL);

// Barcode fields
LIDefineFieldExt(job, "BC_EAN_128", "123456789abcd", LL_BARCODE_EAN128, NULL);

// Variable graphics via file names
LIDefineFieldExt(job, "Normal image", "sunny.bmp", LL_DRAWING, NULL);

// File selection dialog with sketch
LISelectFileDialogTitleEx(job, hWnd, "File selection", LL_PROJECT_LIST, szFile, sizeof(szFile), NULL);

// Remove specific menu commands from Designer
LIDesignerProhibitAction(job, 211);

// Start the Designer with the above fields
LIDefineLayout(job, hWnd, "Title", LL_PROJECT_LIST, szFile);
```

Visual Basic 6

```
Private Sub ButtonDesign_Click()
    'Starts the Designer with the title "Invoice" and the file "Invoice.lst"
    ListLabel1.Design(0, hWnd, "Invoice", LL_PROJECT_LIST, "Invoice.lst", 1)
End Sub
```

The Event ListLabel1_CmndDefineFields is used for the data definition.

Component? DLL?

You can choose whatever you like. Quickly integrate the .NET, VCL or ActiveX/OCX component or implement List & Label with almost any Windows programming language by using the DLL.

Designer Objects Table, Crosstab & Co.

Reports :: Subreports :: Drilldown reporting :: Crosstabs :: Gantt charts

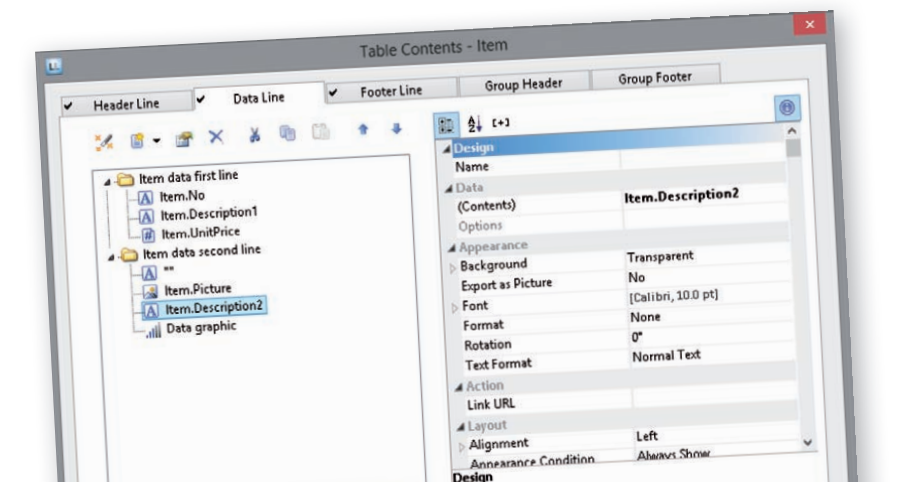
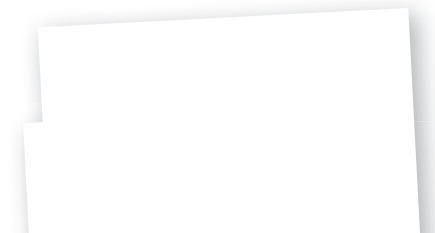


Table properties



Context sensitive toolbar



Range of predefined design schemes

The report container accelerates the creation and organization of reports. With our examples or with the data binding for .NET or VCL, you can manage any sequence you wish – with the same code:

- Tables and subtables
- Tables, charts, Gantt and cross tabs
- Almost all Designer objects are also available in table columns
- Free text, pictures, barcodes or variable content

Flexibility par excellence! You just specify where the data comes from and List & Label takes care of the rest – including the execution of the Precalc() function for the preliminary calculation of aggregate functions.

With the drilldown feature you create user-friendly, clearly laid out reports, for example of customers, their orders and the details of these orders, in other words hierarchical or relational structures. Passing data via data binding in combination with .NET or VCL is so simple. 1:n relations are automatically passed and can even be broken down in reverse into 1:1 relations. In other programming languages special commands enable you to pass database tables completely with all relations and sortings to List & Label. End users can easily handle relational databases in the Designer and jump with joy into the preview. There they click along the links deeper and deeper, until they reach the desired data level. And that is exactly

what they send to the printer or into a PDF, neatly and cleanly. Even with very large and complex databases, you as the developer can be sure, everyone can quickly process the information they're looking for.

With the design schemes, you can quickly and easily make all your charts, cross tabs etc. shine in the perfect colors. Use the included color schemes or design your own in your corporate design colors.

The table object does almost everything! It's got a separate area for header, data row, group header, group footer and footer and a general table layout. It can all be separately configured. Columns are pulled to the width you want or



Results from crosstabs



Create timelines with Gantt charts

adjusted precisely in the dialog window. Overlapping titles across two columns, multiple pages and multiple columns in tables: it's all absolutely no problem! Distracting data rows are simply blended out during design. Use the Designer to easily group your data. Multiple data lines enable your program to switch between different layouts.

The crosstab object combines data in several dimensions and answers ques-

tions such as “how are product sales distributed over a number of years” or “how are product sales distributed among staff?”. You can also map more complex structures by inserting additional levels. A wizard supports you in creating them. To make calculations easier in crosstabs, a number of special functions are available to help you. You will impress others with your fantastic design ideas. Also possible: flip columns and rows using the pivot function.

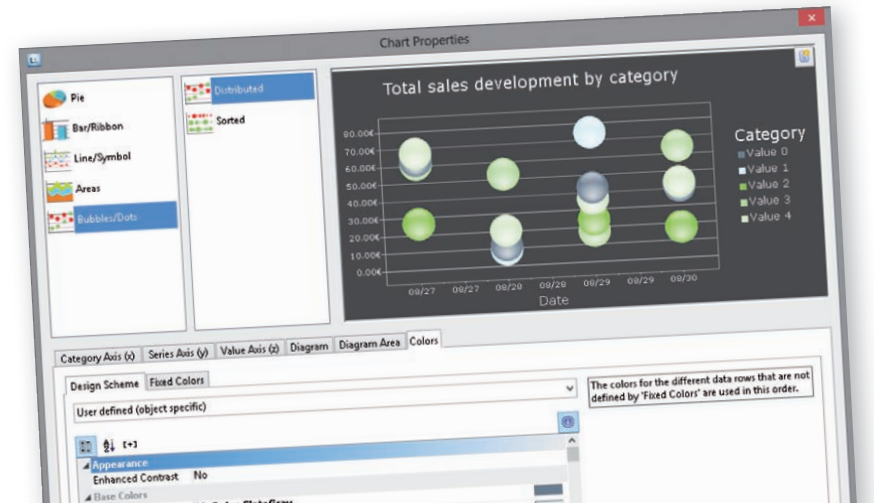
The Gantt chart shows actions in relation to time – regardless if the action in question is a vacation plan or a machine maintenance schedule. And the customization options here are really spectacular: Design scheme support, free start and end ranges, selection of the date unit, bar types etc., plus a hotspot preview.

Try it out in your trial version:

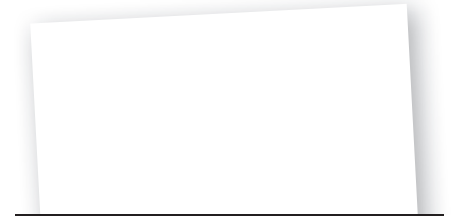
Sample application: Design > Extended Samples: From here, you can select different report types

Designer Object Chart

Diagrams :: Lines :: Pie charts :: Bubbles :: Areas :: Bars



Dynamic data interpretations with clickable preview (hotspot map)



Labeling directly in the chart



Horizontal bar charts

The diagram function brings reports to life. Usually, you prepare the data once and use it both for charts and reports.

The charts can be rotated around both axes – there are bar charts (vertical and horizontal), pie charts, cone charts, octahedrons, lines and variants in 2D/3D, multi-row, clustered, stacked or as a simple version. Choose fixed colors, see pie charts in an exploded view, label charts, print long axis labels diagonally, define several y-axes and scale the axes logarithmically. The software even

features four-dimensional reporting with the bubble charts: the x/y axis position, color and size of the bubbles are automatically generated from your data. We bet there is something here you'll find useful for your graphical evaluation!



Area chart



"We love List & Label!!! It is a fantastic tool that lets the user generate sensational reports."
Alexander Kollin, managing director, KingBill

Designer Barcode Object

GS1 :: 2of5 :: Code39 :: EAN :: GTIN :: DataMatrix :: QR :: ...

The barcode object supports more than 50 barcode formats. This makes List & Label a leading report generator in this area. No barcode fonts are required. For best results you set both the bar width as well as the bar ratio if the barcode type permits.

Barcode formats

- ➔ 2of5: DataLogic | Interleaved | Industrial | Matrix |
- ➔ 3of9 alias Alpha 39 alias Code 39 with CRC | without CRC
- ➔ Codabar
- ➔ Code 11
- ➔ Code 93 | Code 93x 0
- ➔ Code 128
- ➔ German Post Identcode
- ➔ German Post Leitcode
- ➔ GTIN 8 | EAN 8 | UCC-8 | JAN-8
- ➔ GTIN 13 | EAN 13 | UCC-13 | JAN-13
- ➔ EAN-13 P2 (ISSN) magazines
- ➔ EAN-13 P5 (Bookland, ISBN) books
- ➔ GS1 128 | EAN 128
- ➔ German Parcel
- ➔ GS1 DataBar: Simple | Expanded | Limited | Stacked | Stacked Omni | Truncated
- ➔ Intelligent Mail® (IMB)
- ➔ ISBN
- ➔ Japanese Postcode
- ➔ KIX®, Postcode of the Netherlands
- ➔ MSI | MSI Plain | MSI+10+10

- ➔ MSI+10+CD | MSI+11+10
- ➔ NVE | SSCC
- ➔ PZN
- ➔ Royal Mail
- ➔ UPC-A/E
- ➔ US-FIM
- ➔ US-Postnet

Additional 2D barcodes in the Professional and Enterprise Edition

- ➔ PDF417
- ➔ Maxicode
- ➔ DataMatrix
- ➔ Aztec
- ➔ QR Code
- ➔ Deutsche Post Premiumadress

DataMatrix

Maxicode

PDF417

QR-Code

GS1 DataBar

GS1 DataBar Composite

GS1 DataBar Limited

GS1 DataBar Truncated

GS1 DataBar Stacked
Omni

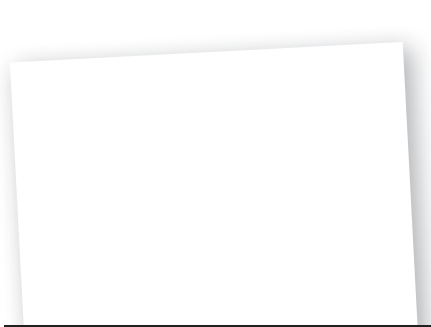
GS1 DataBar Stacked

Try it out with the online barcode generator!

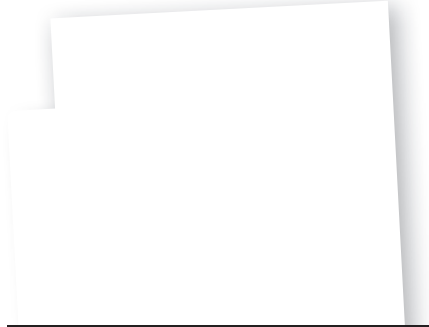
www.combit.net/en/BarcodeGenerator

More Designer Objects

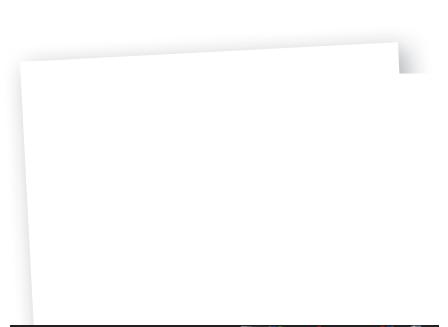
RTF :: PDF :: Gauges :: Data Graphics :: Own :: HTML :: Text :: Graphic



RTF editor



Data graphics



Gauges

The RTF Designer object allows you to create mail mergers etc. If you link several RTF objects and allow text wrap, you can also achieve multiple columns and text to flow around images and tables.

With the RTF control, you can offer end users a small word processor – independently or as an inplace control. One possible application here is e.g. to only allow text input via the RTF control.

The PDF object makes form processing faster than ever. Simply deposit your PDF, place text fields, and you're done! It is also unbelievably easy to scale down existing PDF files and merge several PDF pages into a single file. Or you can create your own List & Label reports as a PDF and then in turn integrate these reports into other reports. The list of capabilities goes on and on and on – we're sure that

you'll find even more useful ways to take advantage of List & Label's incredible range of functions!

Gauges and data graphics give you an immediate overview of the current value's relation to the target, minimum and maximum values. The feature-rich gauge object offers round and semicircular speedometer-like measurement tools as well as scales in portrait and landscape formats featuring countless design possibilities. By using the data graphics, you can define bars, stars, checkmarks etc. for a certain target range as quickly and easily as in Microsoft Excel.

You can integrate your own objects seamlessly with List & Label's .NET, VCL and OCX components – for .NET components, you even have the option of integrating the full range of properties.

Additional objects

:: **HTML** object

:: **Text** object

:: **Line, rectangle, circle, ellipse** object

:: **Graphic** object, formats: JPEG, PNG, BMP, TIF, GIF, EMF, ICO, WMF, PCX, PCD, DIB, RLE

:: **Form control** object: Completed by the user in the print preview

:: **Form template** object: Graphic, e.g. scanned bitmap, as a help for positioning in the background

:: **OLE object**: The container for OLE server documents lets you integrate Word, Excel, Visio etc. files.

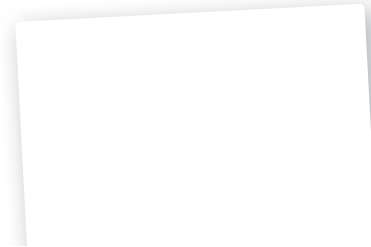
Object Model for Projects – DOM*

Manage Designer properties via code :: Create DOM code from project data

Roll up your sleeves and get down to business yourself! Create your own dynamic projects, your own project assistants to let users find automatically preconfigured fields in the Designer or even create your own trimmed-down Designer. With .NET and VCL it is exceptionally smooth, and it's nearly as easy with other programming languages. Alternatively the other way round! Properties, individual objects and even complete projects can be simply generated as DOM code for .NET.



IntelliSense support for all objects



Object models in the DOM viewer

"Create a new project including a report container and table called 'Product' with some table fields", here in C#:

```
Proj.Open(@"c:\Reports\product.lst", LIDomFileMode.Create,
    LIDomAccessMode.ReadWrite, true);

ObjectReportContainer container=new
    ObjectReportContainer (Proj.Objects);
container.Position.Left = "0";
container.Position.Top = "0";
container.Position.Width = "150000";
container.Position.Height = "200000";

SubItemTable table = new SubItemTable (container.SubItems);
table.TableId = "Product";

TableLineData dataLineNew = new TableLineData(table.Lines.Data);
dataLineNew.Name = "Created dynamically";

TableFieldText textCol = new TableFieldText (dataLineNew.Fields);
textCol.Contents = "Product.No";

TableFieldBarcode barcodeCol = new TableFieldBarcode (dataLineNew.Fields);
barcodeCol.Contents = "Barcode(Product.No, 'PDF417')";

Proj.Save();
Proj.Close();
```

This is how you can output every first paragraph of a text object, here in Delphi:

```
domPrjList.Open('product.lst', fmOpenOrCreate);

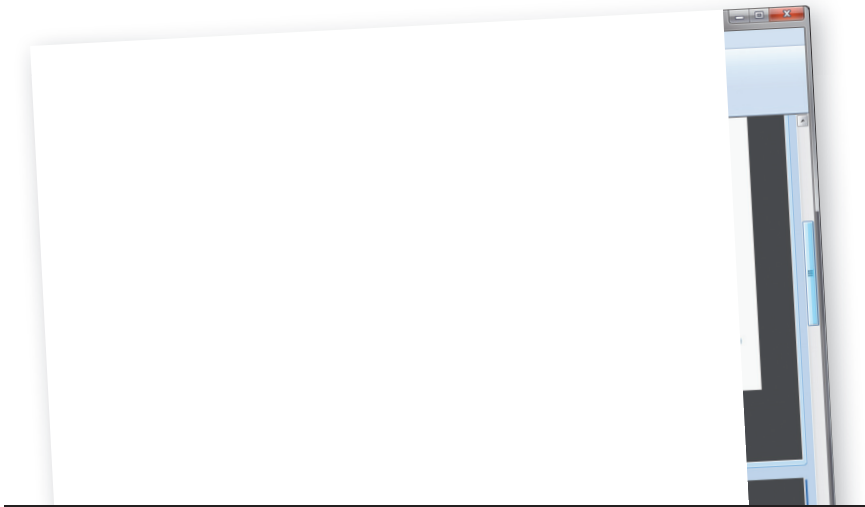
for i := 0 to domPrjList.ObjectList.Count - 1 do
begin
    if domPrjList.ObjectList[i] is TLIDOMObjectText then
        ShowMessage((domPrjList.ObjectList[i] as
            TLIDOMObjectText).Paragraphs[0].Contents);
end;

domPrjList.Close;
```

"List & Label allows for more complex and flexible reporting than any other reporting tool. "
Alex Singer, WebDatabases GmbH

Preview

Multipage Preview :: Touch Gestures



Touch gestures

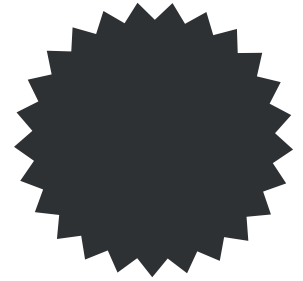


Multipage preview

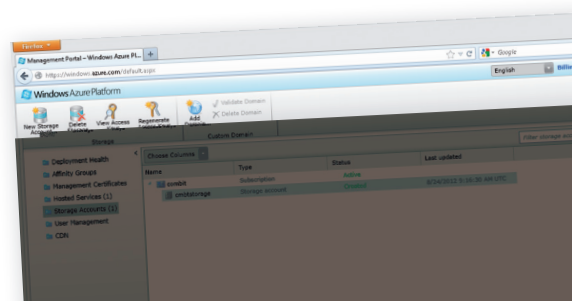
Give your customers the best possible overview! Simply by reducing the zoom level, they can display a greater number of pages in the preview window. Double-clicking a page brings it up to full screen size. On touchscreens, users can continuously pan and zoom the page using the usual gestures, which allows them to leaf through extensive reports quickly and conveniently. The physics engine in the background delivers the scrolling experience typical of mobile devices.

More preview features

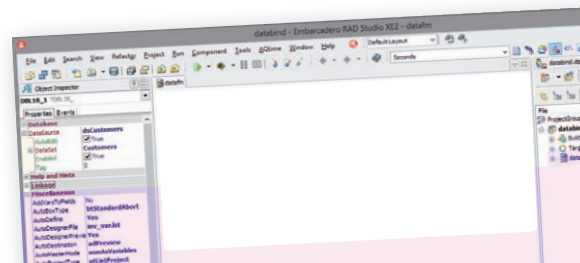
- ➔ **Save the preview** and send it by mail to someone who perhaps has only the viewer
- ➔ **Search** also on subsequent pages
- ➔ **Create an index** the way you are used to with PDF
- ➔ **Use the inplace preview control** that's part of the component for your own dialogs
- ➔ **Integrate the WPF viewer** seamlessly into your Windows Presentation Foundation application
- ➔ **Adjust the internet viewer** – a special OCX/ActiveX object that has a digital signature – variably to your needs
- ➔ **Use plugins for popular browsers** Firefox, Internet Explorer, Chrome, Safari, Opera
- ➔ **Create presentations** directly from your reports, even full-screen including the typical slide transitions
- ➔ **Create interactive forms** by simply positioning a form control in the Designer where the user enters data



* Professional and Enterprise Edition.
For restrictions, see Programmer's Reference.



List & Label can also be used with Windows Azure

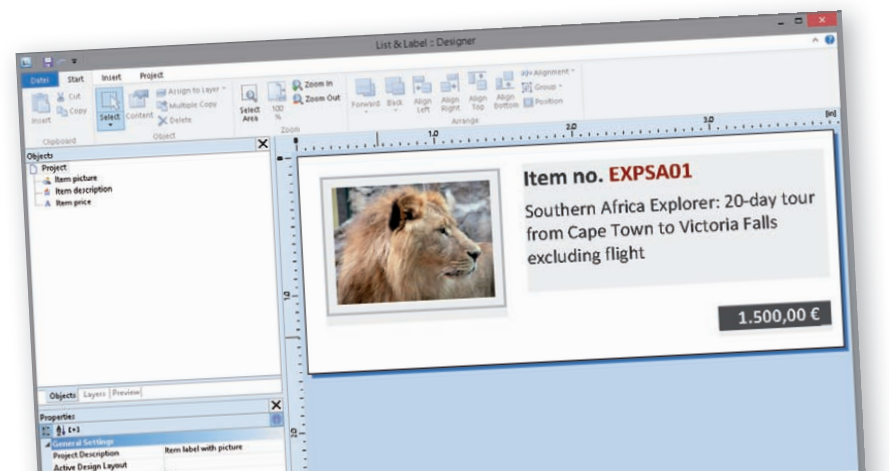


Additional Features of the Designer

- ➔ **DTP control** with 3 design modes: Layout, layout preview, preview, all freely zoomable
- ➔ **Precise!** Position exactly up to 1/1000 mm or 1/1000 inch
- ➔ **Align several objects** automatically to each other via the menu or via shortcuts
- ➔ **Free positioning grid** and "snap to grid"
- ➔ **Rotating** texts and barcodes in 90° steps
- ➔ **Intelligent context menus**
- ➔ **Appearance conditions** for layers, individual objects and multiple objects at the same time, or combined
- ➔ **Sum variables**, optionally as group sums, page sums or project sums
- ➔ **User variables** e.g. to back up interim formulas, "formula components"
- ➔ **Variable names** quickly localized via translation tables
- ➔ **Over 190 functions and 20 operators** for calculations, conditions and filters and also your own functions if one of the components is used

Labels & Forms

Label templates :: Complete existing forms



A label project in the Designer

Labels and forms: a strong point. Simply fill out one of the over 2000 standard label templates provided by international manufacturers (Avery, Badgepoint, Boeder, Devauzet, ERO, Herlitz, Herma, Leitz, May+Spiess). In addition, further sizes can be defined as required. Alongside standard functions, such as font type and line pitch for each line, you benefit from real high-end functions: Suppress unwanted empty rows and characters, leave out used labels from printing and determine printing orders.

When filling out existing forms save yourself the trouble of measuring everything by using the special form template object to blend a scanned form into the background. Position the objects on top – with precision of 1/1000 inch!

Even better: just insert a PDF object (containing for example a customs or tax form), place your text objects on top and your automatic form printout is ready.



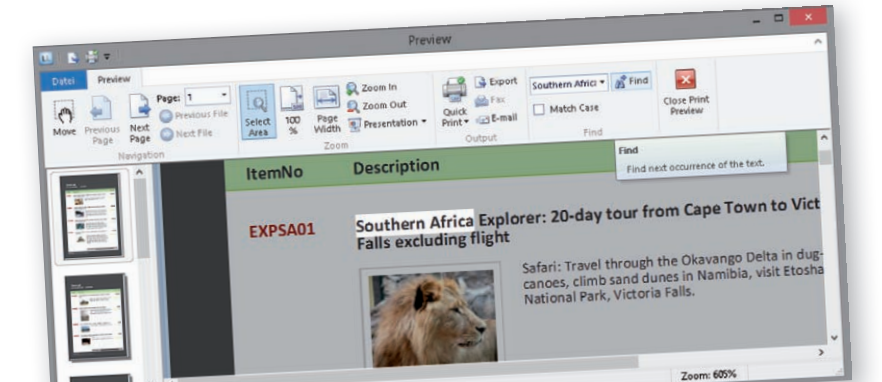
Get it all out there:
Export

"Have fun with many chart types,
design schemes, data graphics etc.
Top rating for List & Label! "

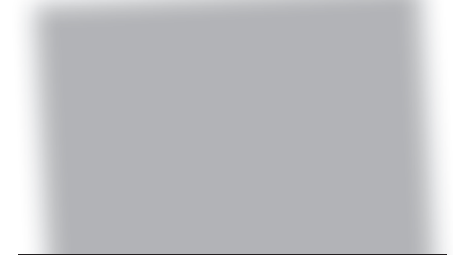


Output

Print :: Print preview :: Export



Preview with search function



All in one dialog

The output options with List & Label are classic printing, print preview and export (formats see page 26).

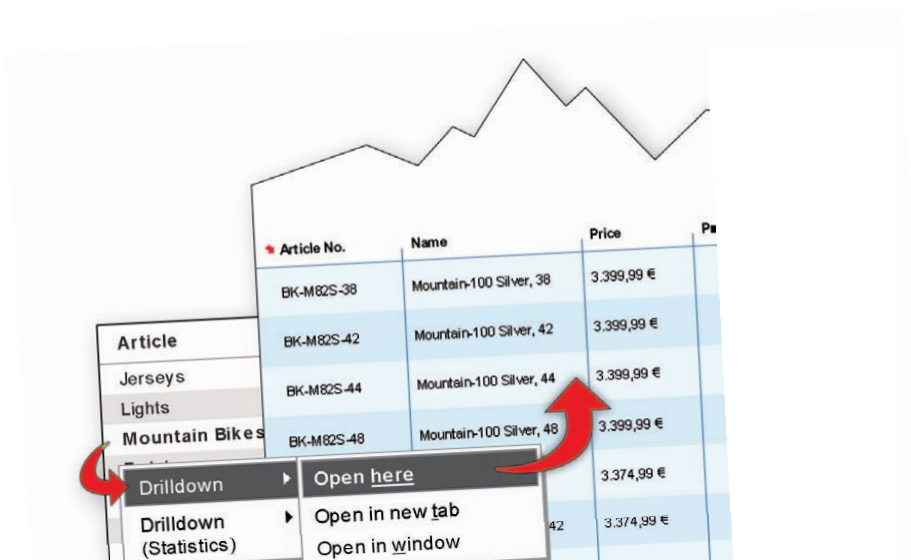
The difference between these three is one single parameter, the rest is done automatically. A lot of added value for your application, which you make easily available to the end users!

The preview can be: 1. integrated into the Designer, 2. separately integrated into your application or 3. used as a standalone viewer application, i.e. for users who don't have access to your application.

The preview option allows you to continuously zoom into the document and then print or export it to PDF, text or picture formats right away. Even for large

projects you get results in next to no time as you check out the first page while the print job is still running in the background (further information on preview see page 20).

The Report Designer's document output control allows users to specify how many issues are printed. You can send each issue to a different output device, and by means of conditions, determine exactly which elements are included. It is possible to send an invoice to an office printer to be printed on standard paper, print the associated delivery note in the logistics department, and generate shipping labels on two different media using just the address.



Drilldown reporting

Drilldown reporting is configured in the Designer but comes into full operation in the preview. Here the end users click their way towards success within relational databases and safely navigate through even rougher hierarchical data. The items drilled out last are then sent to the printer or into an export file. Even with very large and complex databases, you as the developer can be sure, that everyone is able to format the desired information quickly.

Additional output features

- ➔ **Send via e-mail** :: Send preview and export files directly via MAPI, XMAPI or by SMTP. The e-mail content can be either plain text with attachment or homogenous HTML e-mail
- ➔ **Monitor print job** :: After transfer to spooler, events in the .NET, VCL and OCX components are raised. Other programming languages can use a callback
- ➔ **Endless labels and endless forms** :: Instead of layout-oriented text export send text directly to the matrix printer, past the print driver, ensuring optimal performance when using endless labels and endless forms

Export & sign

Export & sign. Provide your customers and users with digital signature functionality. Using the signature software digiSeal® office and digiSeal® server from secrypt, OpenLimit® CC Sign from OpenLimit® SignCubes or esiCAPI® from e.siqia technologies, you can digitally sign PDF, TXT and Multi TIFF export files created with List & Label. Besides the above-mentioned software, you also require a card reader and card with digital certificate to do this. Please contact the manufacturers for more detailed information.

"List & Label has a great number of features - open enough to be used with several development languages and database back ends."

Devan Sabaratnam, Blaze Business Software Pty Ltd, Australia

Export

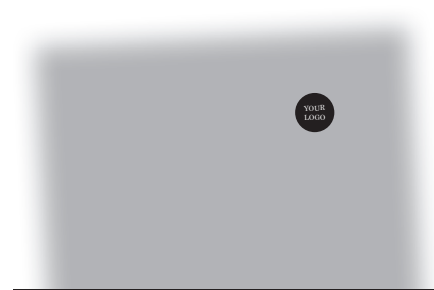
PDF :: XHTML/CSS :: Excel :: RTF & Co



XHTML export result in Firefox



PDF export result in Adobe Reader



DOCX export result in Word

Export formats

- ➔ **PDF** :: Optionally also with PDF/A-1a standard, fast, handily sized files, support for CID-keyed fonts, up to 128 bit encryption, optionally allow or forbid individual printing, processing and copying, in order to optimize the file size, embed fonts, or optionally only the used characters, hashing of identical images
- ➔ **Word** :: DOCX Export supports the export of (multi-page) tables, etc. as genuine Microsoft Word objects that can be subsequently edited. It is not necessary to install Microsoft Word for exporting.
- ➔ **Excel export** :: 1. Simple data export: Table data exported to one spreadsheet; you process a regular Excel project. 2. Adopt full layout: Render the visual appearance true to detail. Without any OLE mechanisms, therefore independent of an Excel installation. Optionally one worksheet per page, with consistent naming throughout
- ➔ **XHTML/CSS** :: Cascading Style Sheet (CSS) tags for ensuring visually appealing results. Almost identical reproduction of the export, right through to gradient fillings, individual table borders and exactly preserved distances
- ➔ **MHTML** :: In comparison to HTML, the result file contains embedded data and images
- ➔ **jQuery Mobile HTML** :: The HTML files generated are suitable for use on mobile devices such as iPhone, Android, etc.
- ➔ **Text** :: Either purely data-oriented: creation of almost any CSV files (data conversion), or layout-oriented e.g. for matrix or continuous printer
- ➔ **TIFF / Multi-TIFF** :: Different compression types and qualities
- ➔ **Additional formats** :: XML, JPEG, BMP, EMF, TTY, ZIP, XPS, PNG, HTML

Try it out in your trial version: Sample Application: Print > Item Reports > Load project "Item report with pictures.rpt" > Choose export formats

Try it out online:
www.combit.net/WebReporting

.NET

```
private void print_Click(object sender,
    System.EventArgs e)
{
    try
    {
        // Link to a DataSet object
        LL.SetDataBinding(myDataSet, "Orders");

        // Set properties (optional)
        LL.AutoProjectFile = "supreport.lst";
        LL.AutoProjectType = LLProject.List;
        LL.AutoDialogTitle = "example";
        LL.AutoShowSelectFile = true;

        // Start printing
        LL.Print();
    }
    // Catch exceptions
    catch (ListLabelException ex)
    {
        MessageBox.Show("Information: " +
            ex.Message,"Information",
            MessageBoxButtons.OK |
            MessageBoxIcon.Information);
    }
}
```

Delphi

```
{Call up print}
procedure TForm1.PrintButtonClick(Sender:
    TObject);
begin
    // Assign data source
    LL.DataSource := dsCustomers;

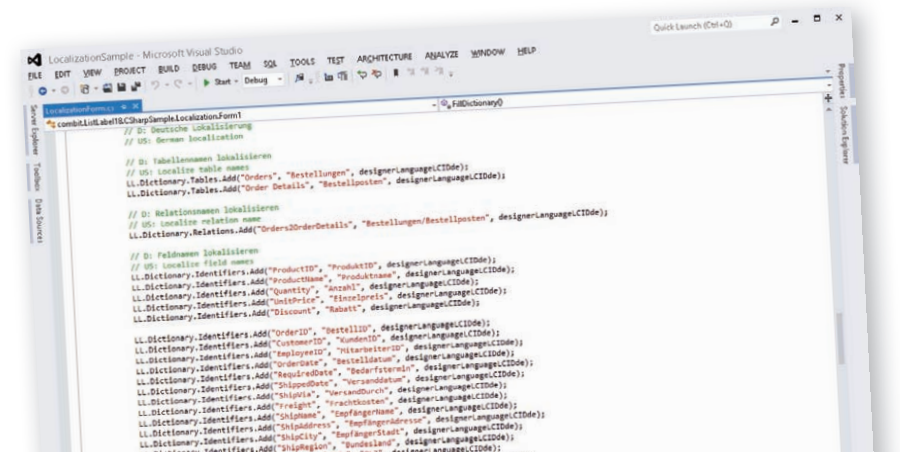
    // Set standard project names
    LL.AutoProjectFile := 'subrep.lst';

    // Set print mode to PreviewControl
    LL.AutoDestination := adPreview;

    // Print
    LL.AutoPrint('Invoice List"      nder:
cep);
```

International Projects

Unicode :: Designer in different languages :: Localization of project files



Localization of project files

Switch Designer language

List & Label makes it easy to master international markets and enjoy competitive advantages. You'll find we've thought of everything you need.

The unicode capability enables you to design, output and export for example Asian or Russian characters, or both, in one report.

Designer language kits equip the Designer with many foreign languages. This makes your application fit for multi-lingual teams and international markets. The launch dates of these kits depend on how versions are released as well as partly on cooperation with our partners.

Available in version 18 are Chinese (simplified), English, French, German, Italian and Spanish.

Information as of November 2012. Please contact us if the language you require is not listed.

All available language kits are included in the Enterprise Edition and can optionally be purchased for the Standard and Professional Editions.

Localization of project files. Projects are designed in a specific language and welcome users in their own language. To realize this process, a dictionary is transferred for each language via the API, or you switch on real dictionaries or translation tables that you are already using.

This saves you a lot of time. For the same project file, the end user in the U.S. sees the word "ProductName" and in Germany, "Produktname". This works even when the project is modified in Germany, saved, and subsequently sent to the U.S. – the project itself only makes use of language-independent abbreviations or, for example, the English names. You can also transfer dictionaries for certain words.



Underneath the peel: Licensing Details

"... a reporting component that fulfills all requirements of a universal reporting tool and leaves nothing to be desired."

dotnetpro

Licensing and Support

**Subscription
includes
support
flat rate!**

You have the choice of three editions, from light-weight to concentrated power – to suit everyone: The pure Standard Edition and two subscription versions, Professional and Enterprise. The all-inclusive Professional and Enterprise Editions include new versions, a support flat rate and many other benefits (see table). Optimal quality coupled with reliability! With the Standard you can get support on a time and material basis in addition to the free knowledge base and forums. And it's up to you to decide whether you wish to purchase an upgrade for the Standard Edition each time one becomes available.

The subscriptions Professional Edition and Enterprise Edition include all Service Packs, all feature-upgrades and all upgrades to major versions* during the contract period. We are also available by phone and e-mail during our office hours** to answer your support questions on a flat rate basis.

* If you purchase by download you get major versions by download. If you purchase on CD, you get the first version on CD. Service packs, interim upgrades and following major versions are available via download. You may additionally request major versions on CD.

** Our support team can be reached directly from 9am to 12am and 2pm to 5pm (CET) by phone or e-mail. Outside these hours, when reaching our Sales & Service Team, just ask for a call-back.

The contract period of your subscription and the related support is one year. If you do not cancel the subscription at a time period of notice of 3 months to the end of this contractual year, it is **automatically renewed** by another contractual year. You don't have to see to it. If you decide to limit the subscription to a year, we recommend that you alert us of this at the time of your first order. The first year's pricing applies should you choose to renew your subscription at a later date after expiry of the contractual year.

List & Label is a license for one developer. Individual, non-transferable, for one developer for installation on one computer or alternately for use on one notebook (included in Professional and Enterprise Edition). We offer attractive discounts for developer teams. You also need several licenses if you want to encapsulate List & Label functions, which is not covered by our standard license agreement. This can be easily modified with an additional agreement. Don't hesitate to contact our Sales & Service Team.

Important. You need a license for every developer who is involved in the overall project and/or the overall product in which List & Label is integrated. In this respect, it is irrelevant whether a developer uses List & Label functions or not. Our

basic conditions are fair, however they have not been calculated so as to developers or products with maybe tens of thousands of end users to be covered by a single license. We go by the number of developers involved and offer attractive volume discounts. A project group must decide which of the editions they all want to go for.

Usage on servers or web servers is subject to a license fee for the Standard and Professional Editions. For each application installation that utilizes an internet protocol for example, or is a web server extension, or is integrated in ASP or PHP pages, or is an independent server application, you require the corresponding server/web server licenses if you use the Standard or Professional Edition. The Enterprise Edition includes a server/web server license flat rate.

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List & Label Editions

	Standard	Professional	Enterprise
Designer for developers and end users in most desktop applications (see license agreement for restrictions)	•	•	•
Print, preview and export in all supported formats	•	•	•
Applicable with all supported programming languages, all examples available	•	•	•
Programmer's reference and Designer user manual, PDF file	•	•	•
Designer documentation as DOC/PDF file, Designer help as source file	•	•	•
Service packs for one year, access to knowledge base, forums and RSS feeds for service packs	•	•	•
Unicode support for international character set	•	•	•
Support online via www.combit.net/en/support-center or by telephone	€ ¹⁾	•	•
Designer in different languages: add-on language kits. At least in Chinese, English, French, German, Italian, Spanish	€ ²⁾	€ ³⁾	•
Use in most server/web server applications and in a service	€ ⁴⁾	€ ⁴⁾	•
Subscription for one year incl. feature-upgrades. Automatic renewal , termination up to 3 months before end of contractual year		•	•
Service packs while subscription is valid, access to knowledge base, forums and RSS feed		•	•
64-Bit Version		•	•
2D-Barcodes PDF417, Maxicode, DataMatrix/EC200, Aztec, Premiumadress of Deutsche Post and QR-Code		•	•
DOM (object model): Customize/create projects without Designer		•	•
Individually adaptable Crystal Reports converter for Visual Studio 2010		•	•
Alternate usage on one developer notebook permitted		•	•
For use in Windows Azure, Amazon Web Services, cloud computing		€ ⁴⁾	•
Formula assistant usable in own application independently of List & Label			•
Priority support			•
15% discount on training and customization			•
Exclusive preliminary information on new major versions			•
Participation in beta program of new major versions			•
¹⁾ Billing on a time and material basis at 45 € per commenced 15 minutes			
²⁾ Starting at 119 € per language kit			
³⁾ 15% discount on add-on language kits			
⁴⁾ Server/web server licenses from 99 € for 5 users up to 14,999 € for 1000+ users, per server			
First year	650 €	1200 €	1800 €
Renewal		600 €	900 €
Upgrade to new major version	390 €	incl.	incl.

all prices plus VAT.

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Squeeze us for
information!



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www.combit.net/en/twitter

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